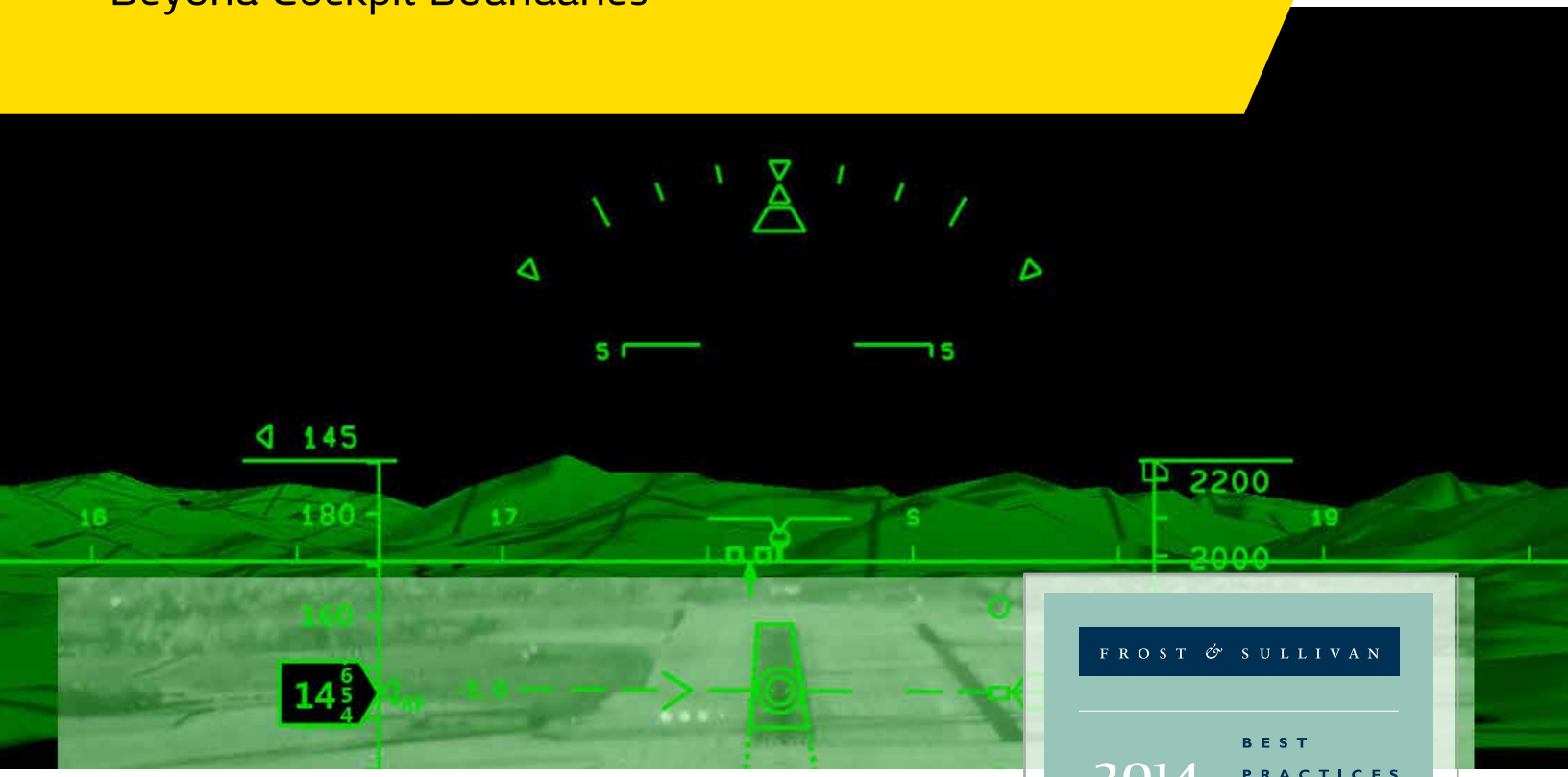
Clearvision EVS™

Beyond Cockpit Boundaries



FROST & SULLIVAN

2014 BEST PRACTICES AWARD

GLOBAL COMMERCIAL AVIONICS
NEW PRODUCT INNOVATION LEADERSHIP AWARD

Give your airborne experience a leap forward with Clearvision™ EVS, a multispectral, superior visual solution, augmented with real-time synthetic information, designed to expand your safety and operational capabilities, under any weather conditions.

As an addition to the core of Elbit System Clearvision™ EFVS (Enhanced Flight Vision System) family, we introduce our newest multi-sensor, high-definition, Enhanced Visual System. Operationally ready, the ClearVision EVS superb Image is projected on our integrated HUD, our Skylens wearable HUD or any down display. With its brighter and clearer image, Clearvision EVS will make any taxi, takeoff cruise or landing easier, clearer and safer than with any other EVS on the market, in all weather conditions.

ClearVision EVS Designed for intuitive out-of-the-window flying, directly minimizing the dependency on airport instruments and reducing flight and landing minima.

Elbit Systems™
Aerospace

Clearvision™ EVS

Beyond Cockpit Boundaries

Clearvision EVS

- Multispectral
- DO-254 level B
- 1280x960 High resolution
- Terrain awareness video
- LED and incandesce runway light detection
- 35°- 26.5°(HxV) Wide FOV

Superb technology, designed to deliver top safety

Clearvision EVS is the top of our long EVS legacy, which is already successfully installed in multiple platforms worldwide. With its advanced real-time visual processing, Clearvision EVS, merges the input of high-definition visual camera, Near IR sensor and Long-Wave IR sensor into one, perfectly fused picture that will expand your situation awareness like never before.

A multispectral technology, Clearvision EVS detects incandesces and LED runway lights with provisions to support color display.

Clearvision EVS is designed to increase platform efficiency and safety, with the latest visual-processing technology, meeting all FAA/EASA/ICAO/CAAC EVS or EFVS civil certification requirements, present and future.

The eyes of our top-of-the-line Clearvision EFVS suite

The Clearvision EVS is perfectly harmonized with our latest Clearvision EFVS family, a complete, gate-to-gate enhanced visual solution, covering the full flight envelope, and overcoming extreme weather conditions and low visibility situations, day and night.

The Clearvision outstanding display fuses conformal flight guidance symbology with synthetic vision presentation and high-resolution video.

Major aircraft manufacturers have already selected The Clearvision suite for Part 25 platforms.

Elbit Systems Ltd.
Advanced Technology Center, P.O.B. 539, Haifa 31053, Israel
E-mail: aerospace@elbitsystems.com www.elbitsystems.com

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